## EAST Search History

| Ref # | Hits | Search Query   | DBs                                      | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|--|--|---------------------|---------|---------------------|
| S1    | 239  | "704".clas. and<br>speech and (model<br>with compensat\$4) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2007/09/11<br>15:21 |
| S2    | 46   | S1 and covariance  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2007/09/11<br>15:21 |
| S3    | 33   | S2 and HMM   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2007/09/11<br>15:23 |
| S4    | 551  | covariance with scal<br>\$4                                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2007/09/11<br>15:23 |
| S5    | 34   | S4 and "704".clas.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2007/09/11<br>15:55 |
| S6    | 767  | "scaling factor" and "704".clas.                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2007/09/11<br>15:56 |
| S7    | 25   | (updat\$4 with<br>"scaling factor") and<br>"704".clas.     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2007/09/11<br>15:56 |
| S8    | 3    | S7 and covariance  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2007/09/11<br>15:59 |
| S9    | 310  | "scaling matrix"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2007/09/11<br>15:59 |
| S10   | 2    | "sequential variance<br>adaptation"                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2007/09/11<br>16:08 |
| S11   | 53   | "estimation<br>maximization"                               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2007/09/11<br>16:09 |
| S12   | 20   | S11 and "704".clas.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2007/09/11<br>16:55 |
| S13   | 0    | speech same "10<br>minutees"                               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2007/09/11<br>16:55 |
| S14   | 65   | speech same "10<br>minutes"                                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | ON      | 2007/09/11<br>16:55 |

| S15  | 12     | "variance scaling factor"                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/03/18<br>15:42 |
|------|--------|---|--|----|----|---------------------|
| S16  | 3      | S15 and exponential                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/03/18<br>16:06 |
| S17  | 242    | variance near3<br>scaling                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/03/19<br>09:43 |
| S18  | 1      | S17 with positive\$4                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/03/19<br>09:43 |
| S19  | 22     | (variance near3 positive) and "704". clas.                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/03/19<br>09:44 |
| S20  | 11633  | speech with model\$4                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/06/19<br>13:58 |
| S21  | 603379 | updat\$4 with2 \$20                                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/06/19<br>13:58 |
| S22  | 528    | updat\$4 with \$20  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/06/19<br>13:59 |
| \$23 | 86     | S22 and covari\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/06/19<br>13:59 |
| S24  | 3843   | (shift\$3 mov\$4 adjust<br>\$3 scal\$4) near3<br>variance | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/06/19<br>14:04 |
| S25  | 54     | \$20 and \$24   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/06/19<br>14:04 |
| S26  | 1      | S23 and S25   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/06/19<br>14:04 |

<sup>6/20/2008 3:29:15</sup> PM

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